

FIG. 1
(Prior Art)

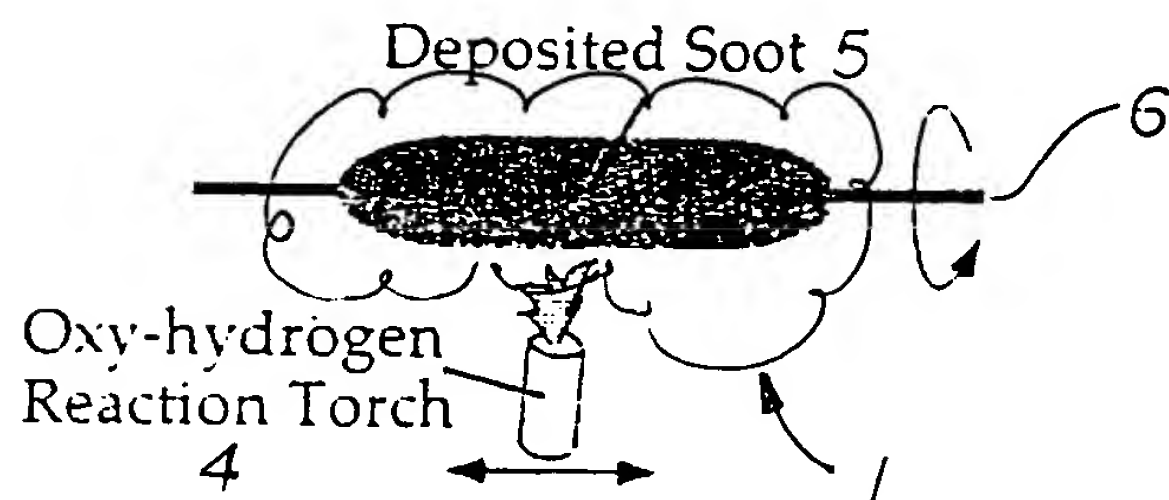


FIG. 2
(Prior Art)

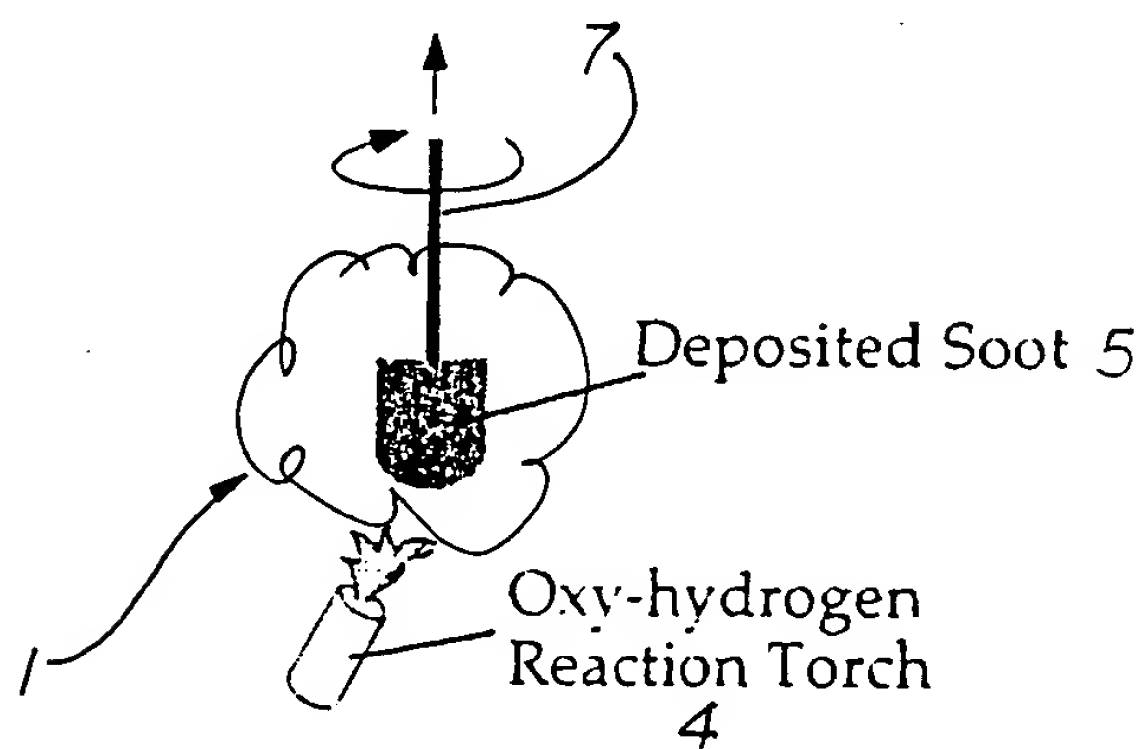


FIG. 3
(Prior Art)

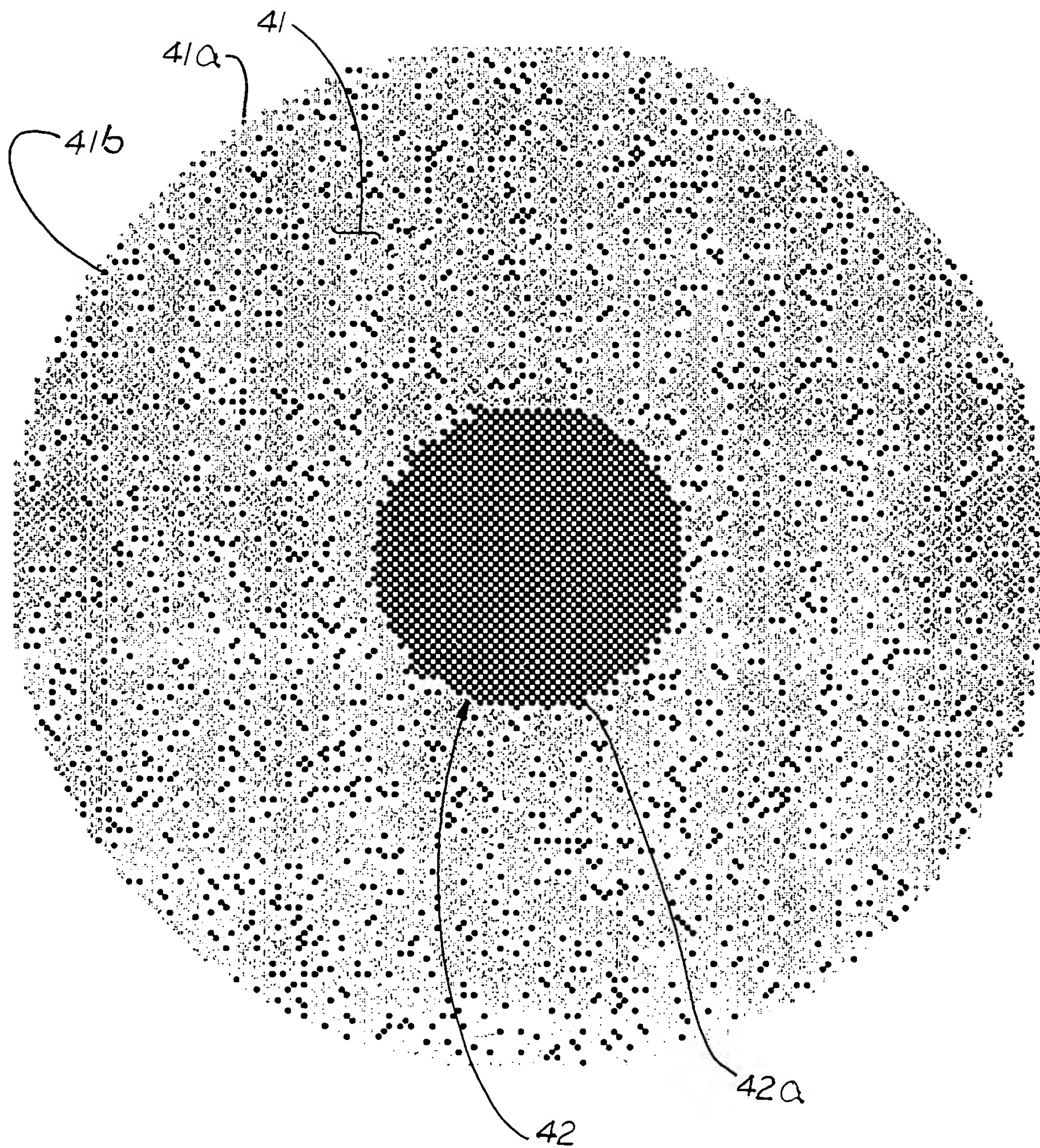


FIG. 4

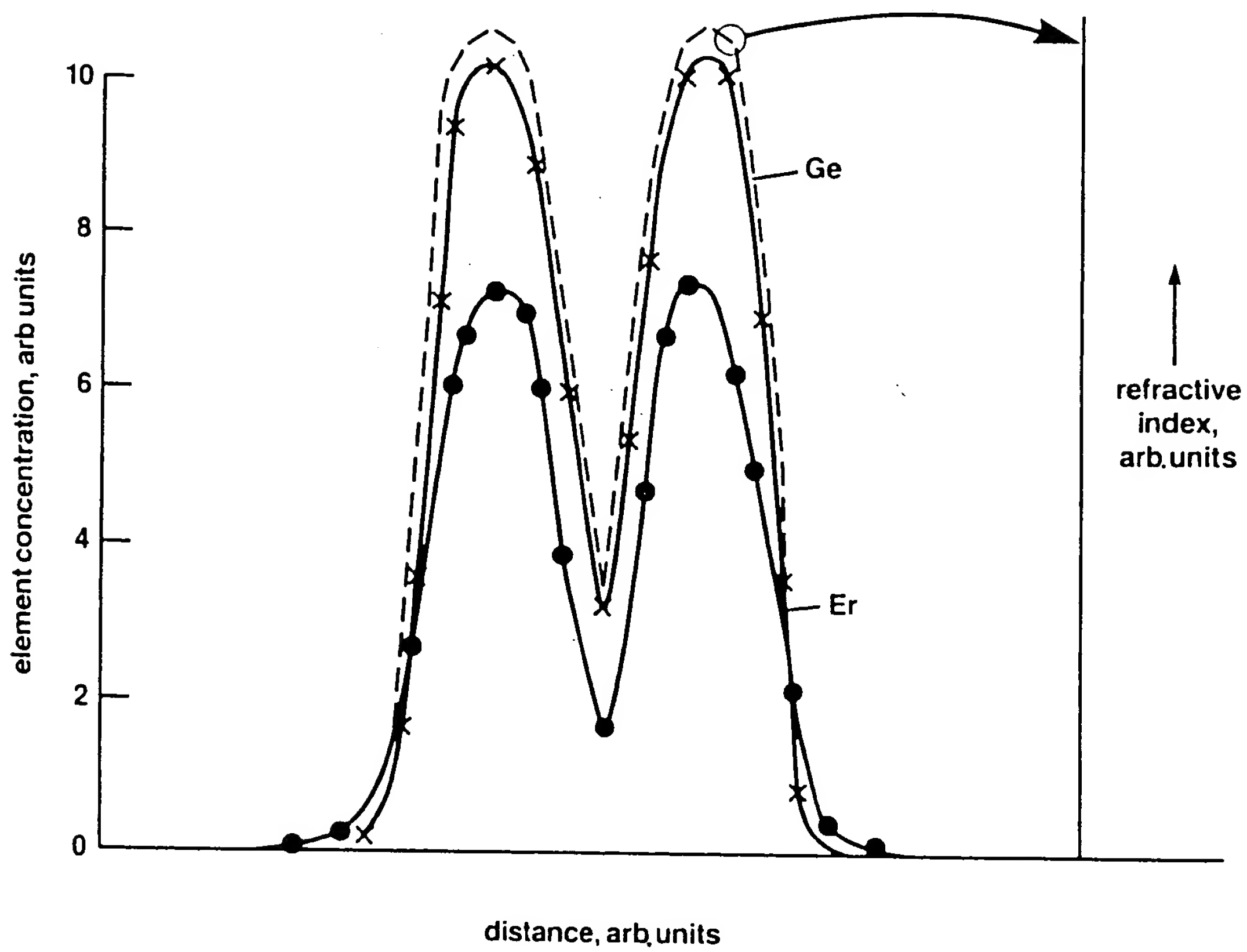
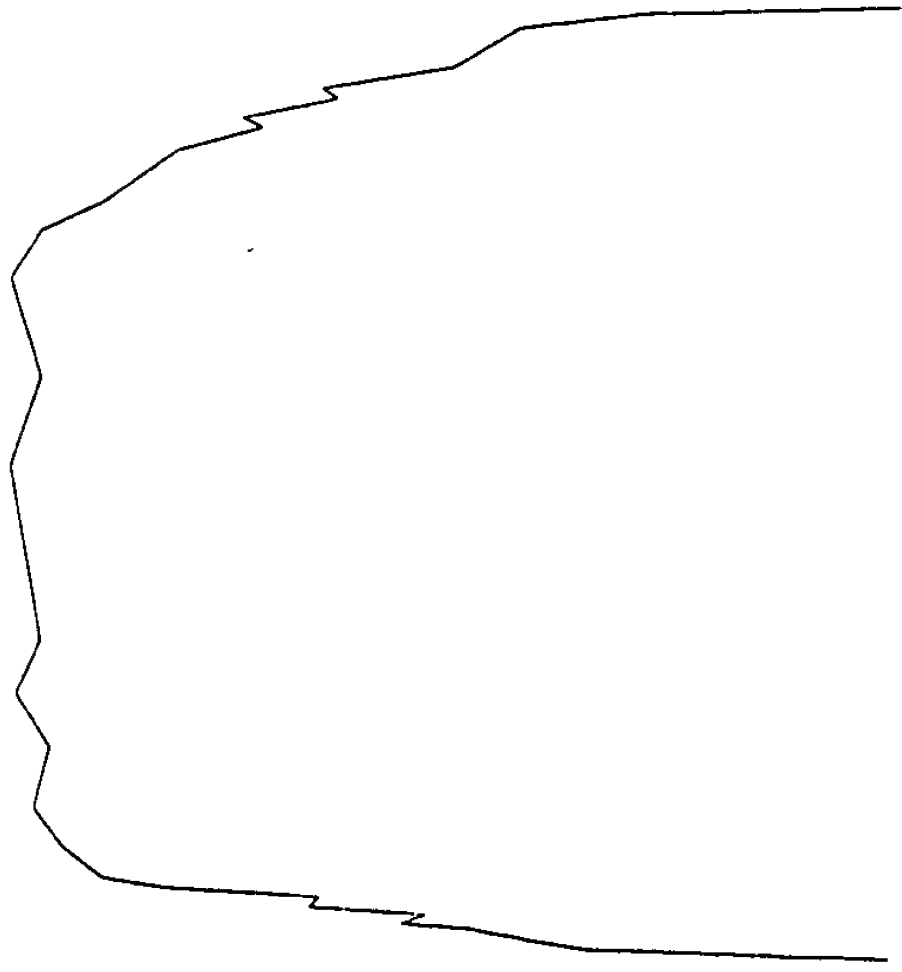
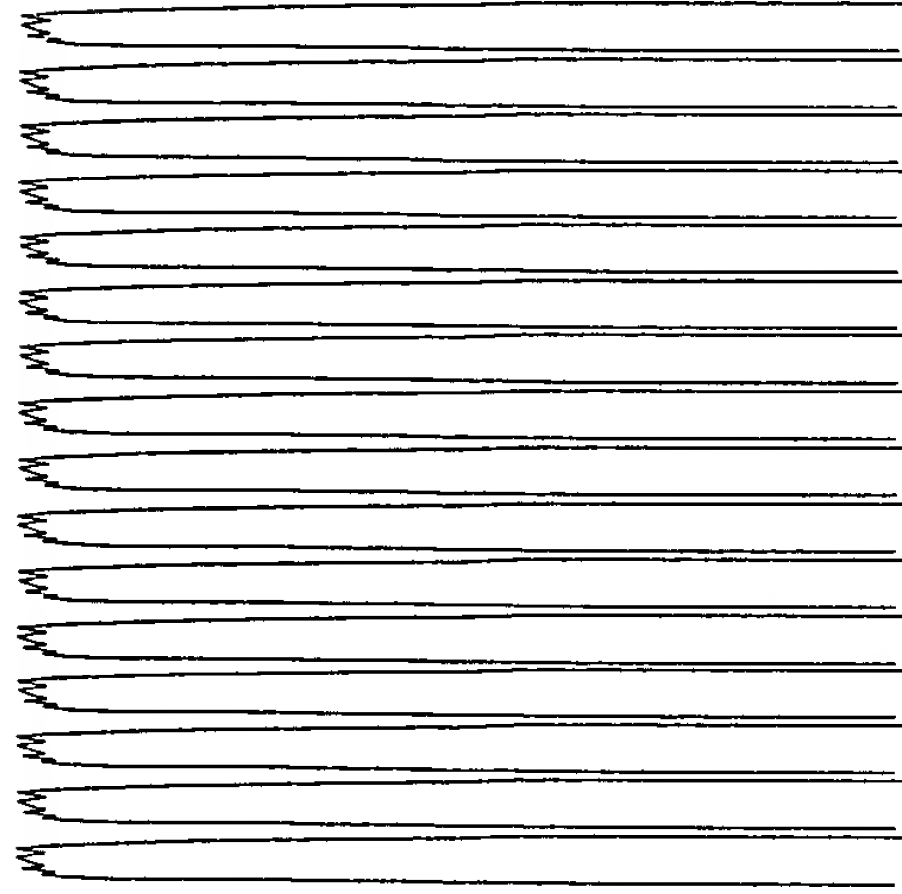


FIG. 5



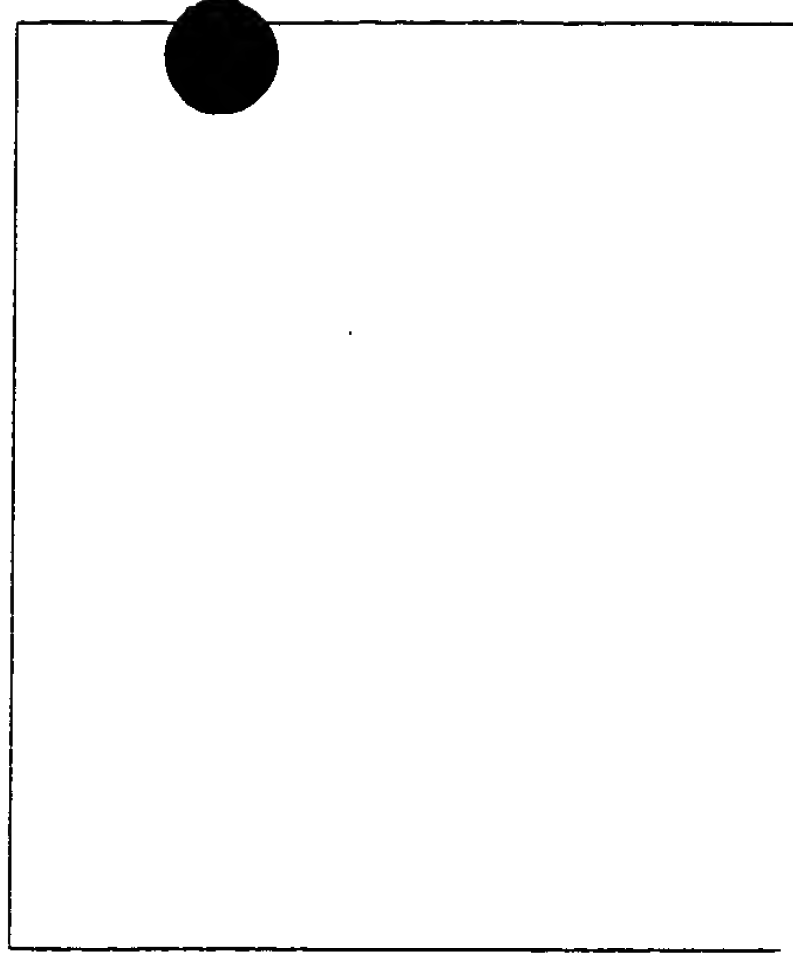
Index (or dopant) profile of core or cladding rod that has suffered the effects of burnout.

FIG. 6A



Index (or dopant) profile of a group of such rods bundled together.

FIG. 6B



Effective index (or dopant) profile seen by mode field in fiber fabricated from such a preform bundle.

FIG. 6C

FIG. 7

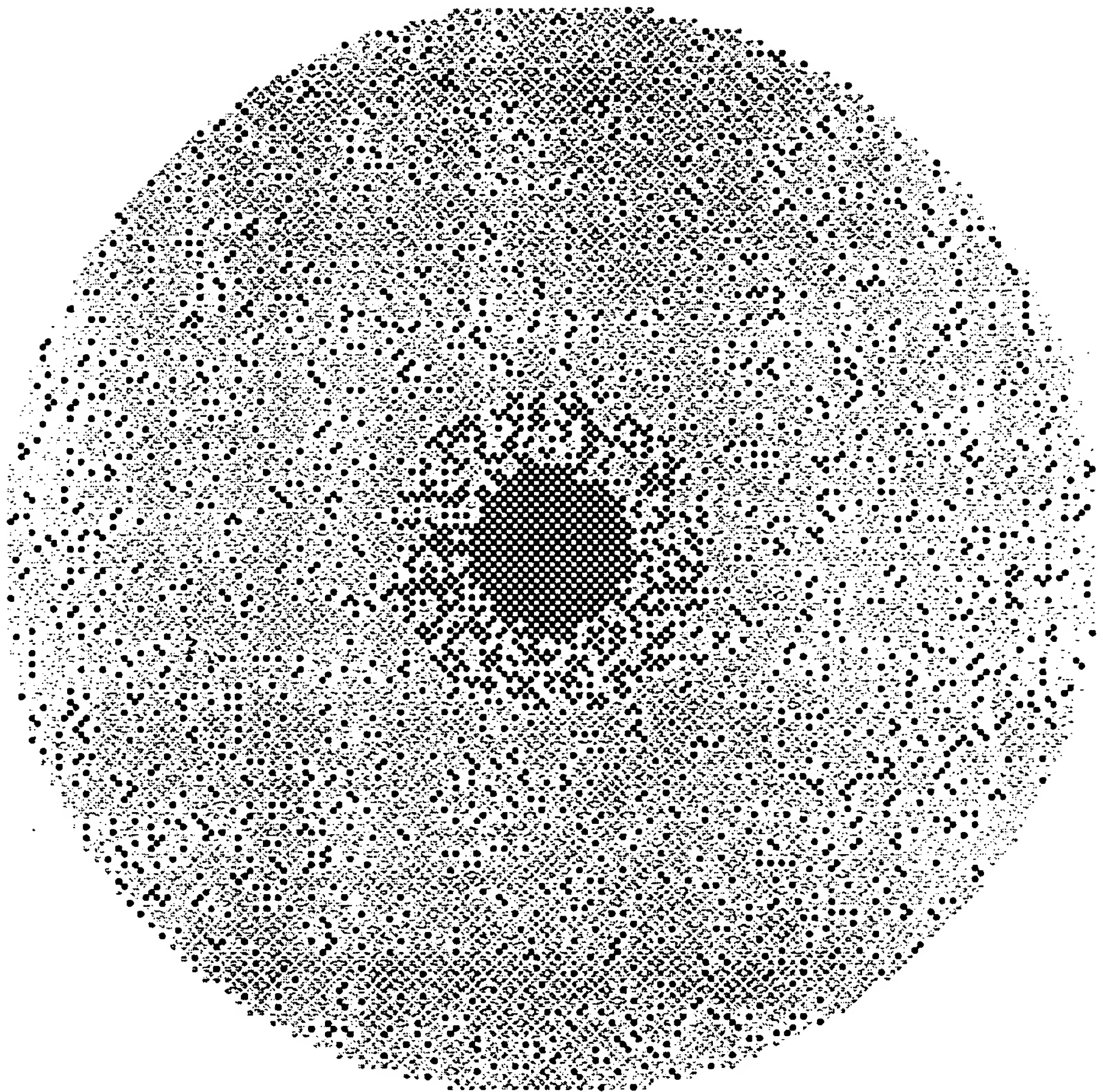
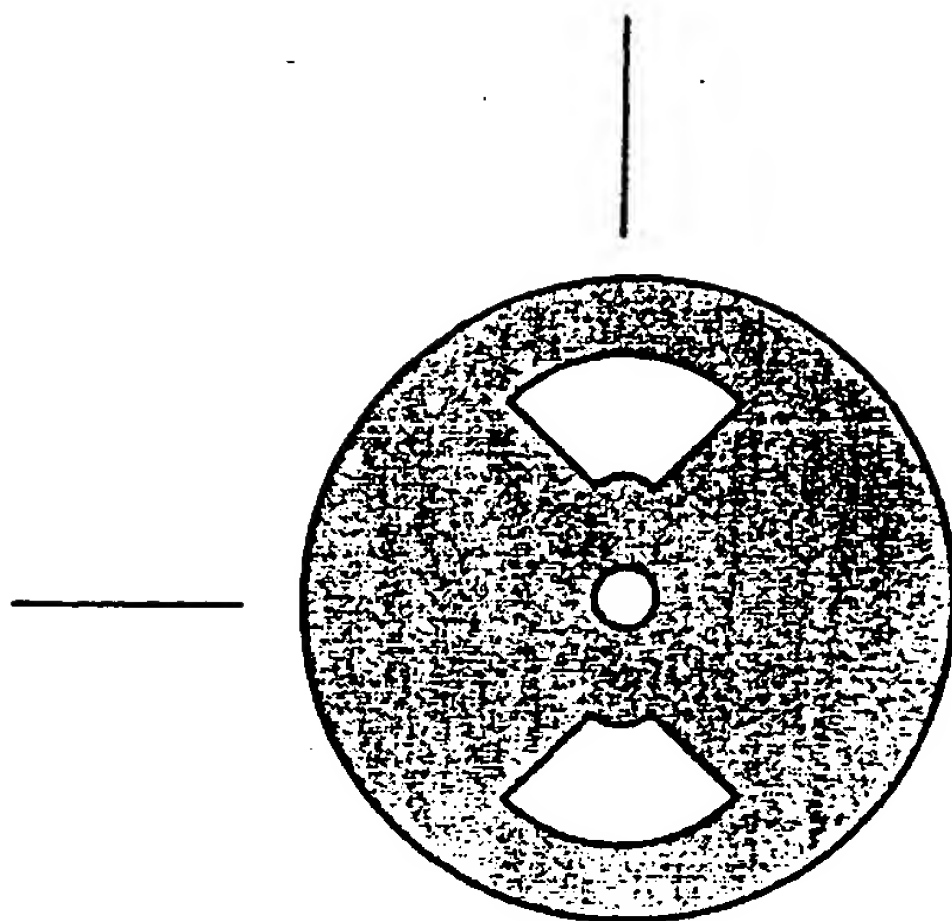


FIG. 7

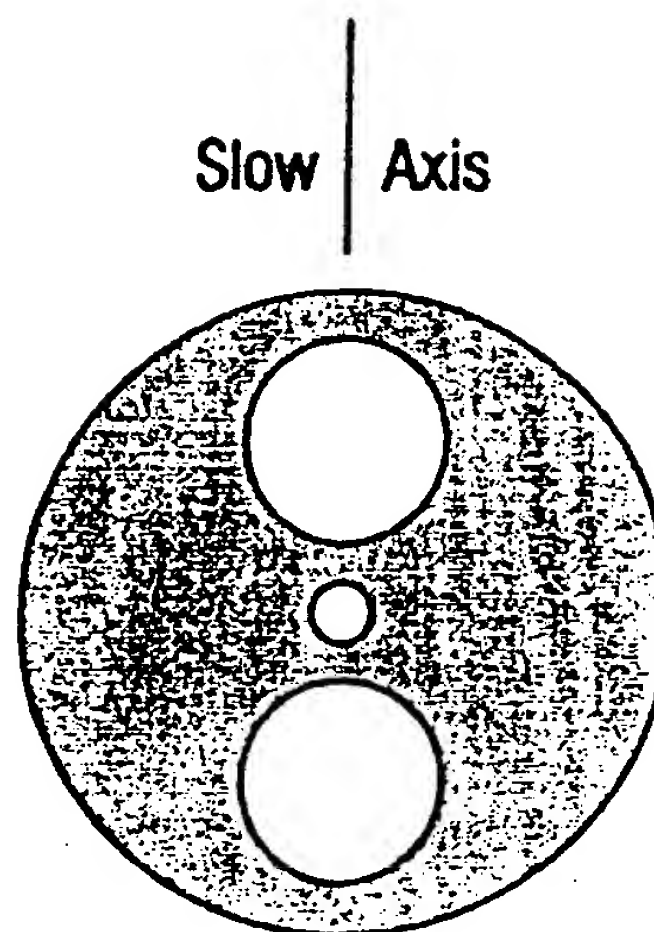


Bow-tie

FIG. 8A

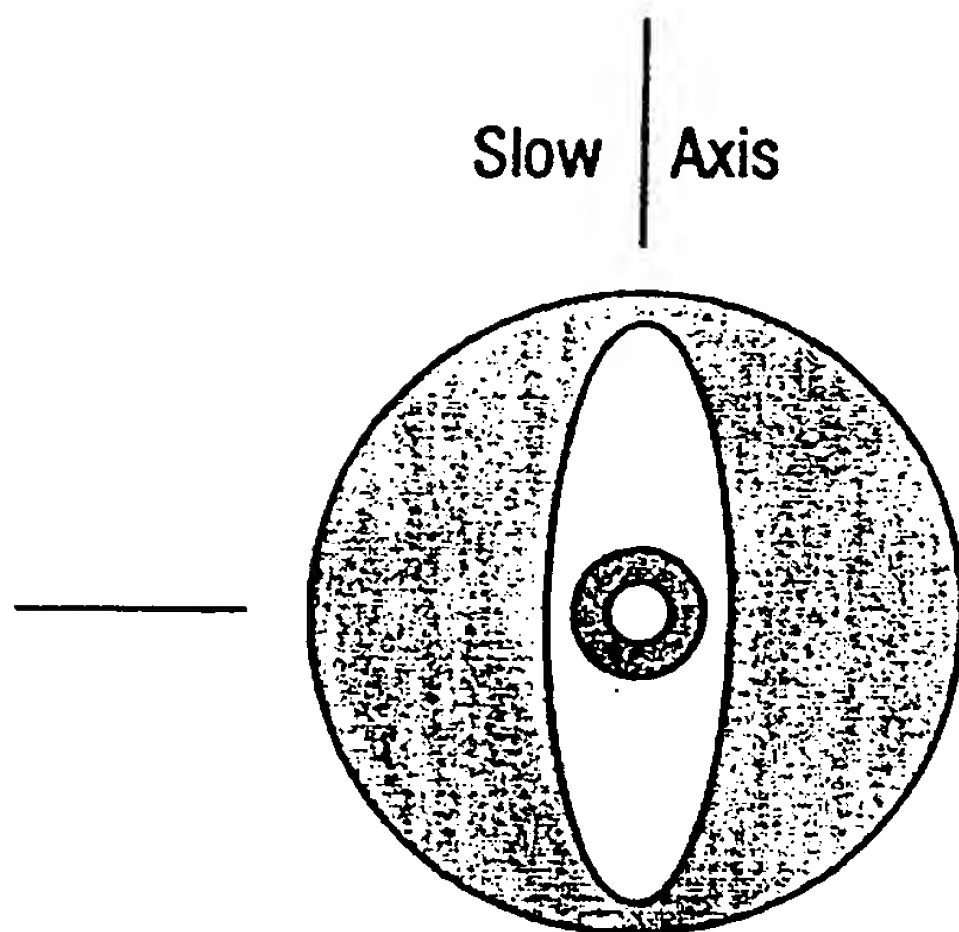
Fast
Axis

Prior Art



Panda

FIG. 8B



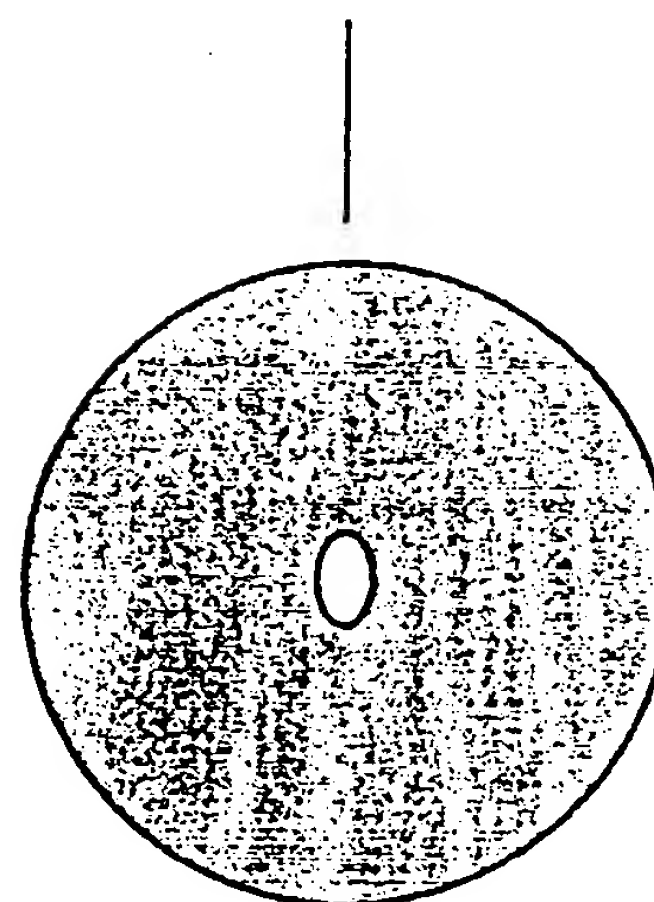
Oval-Inner Clad

FIG. 8C

Slow
Axis

Fast
Axis

Prior Art



Oval Core

FIG. 8D

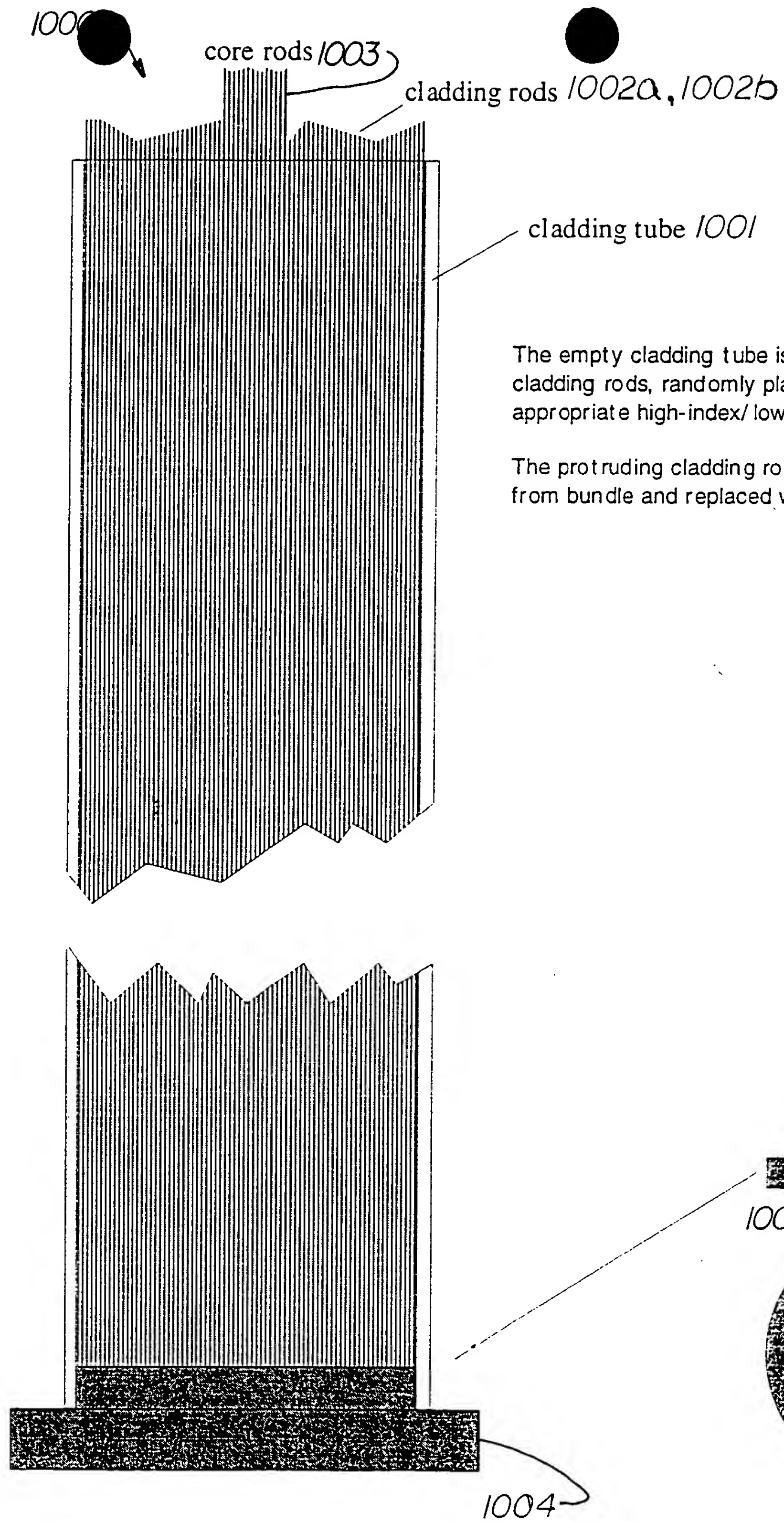


FIG. 10

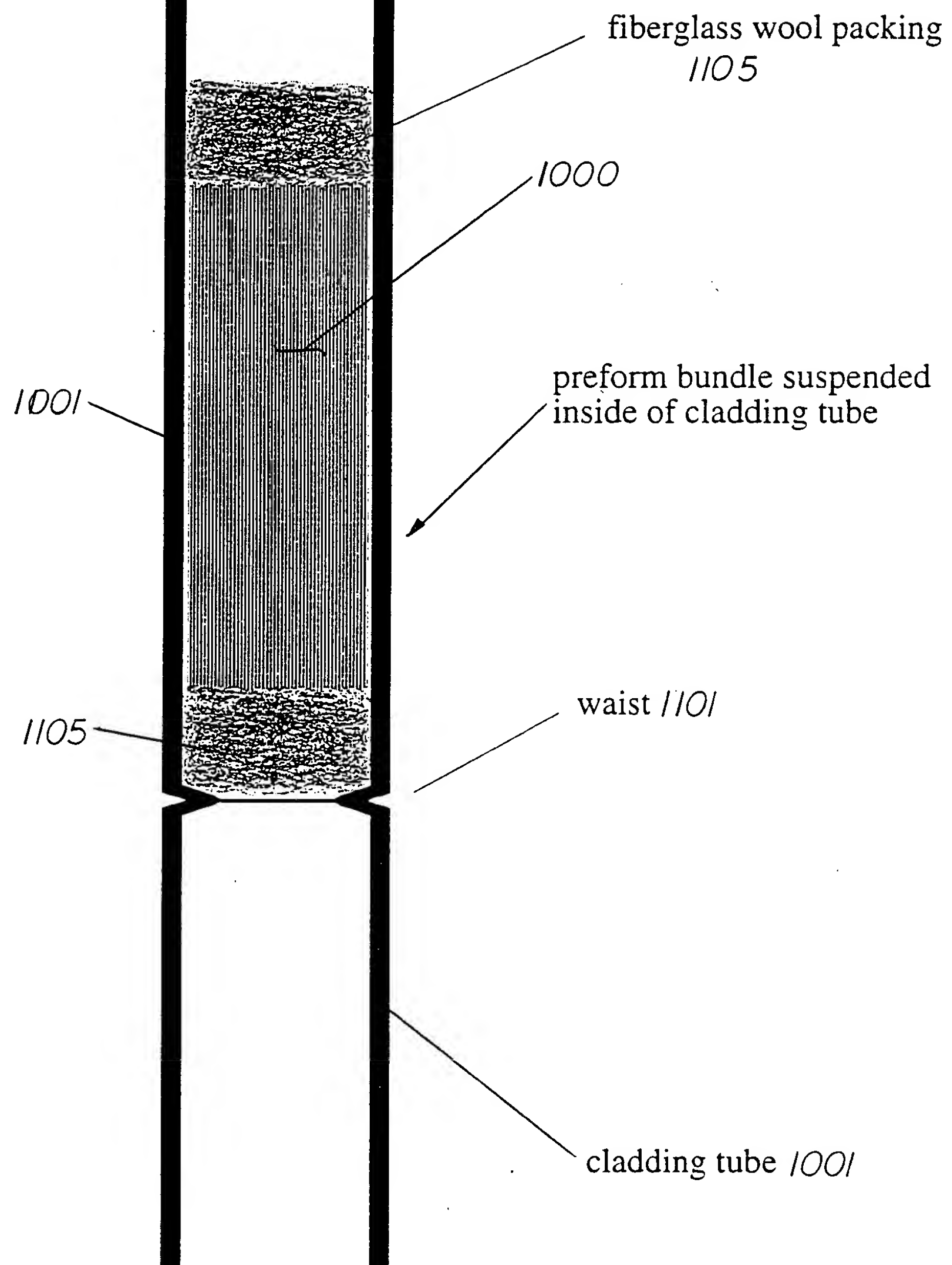


FIG. 11

fiberglass wool packing
1105

1200

inside of ampule evacuated

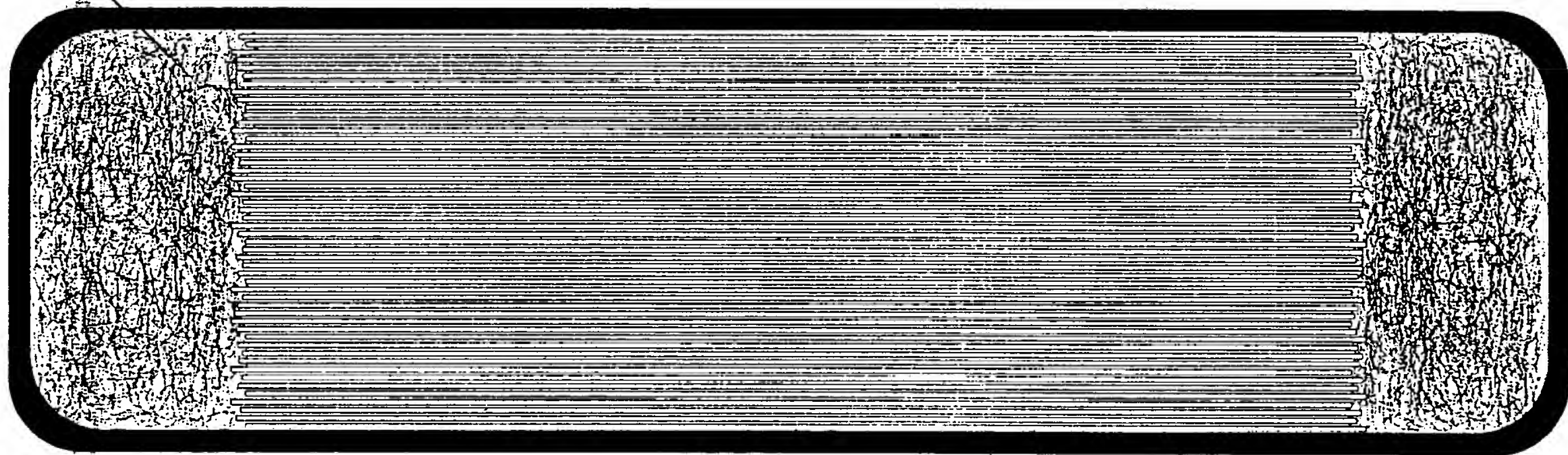


FIG. 12

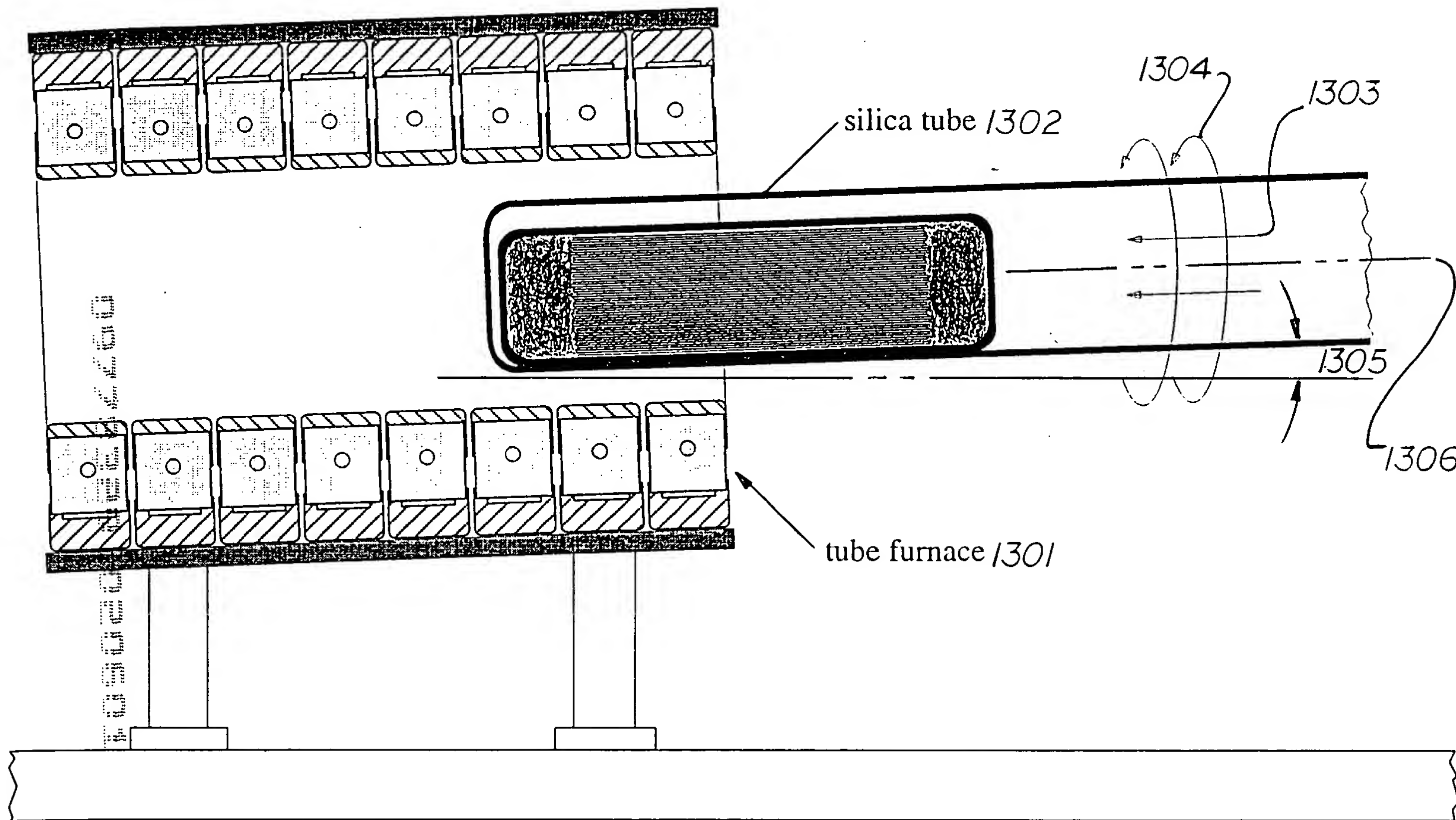
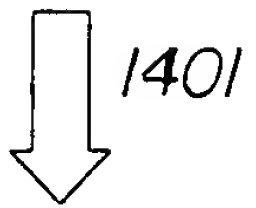


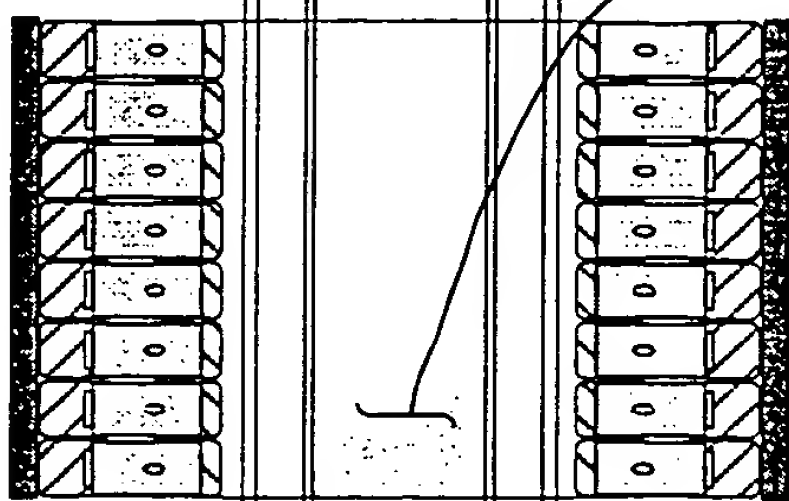
FIG. 13

vapor stream from conventional
MCVD gas delivery system



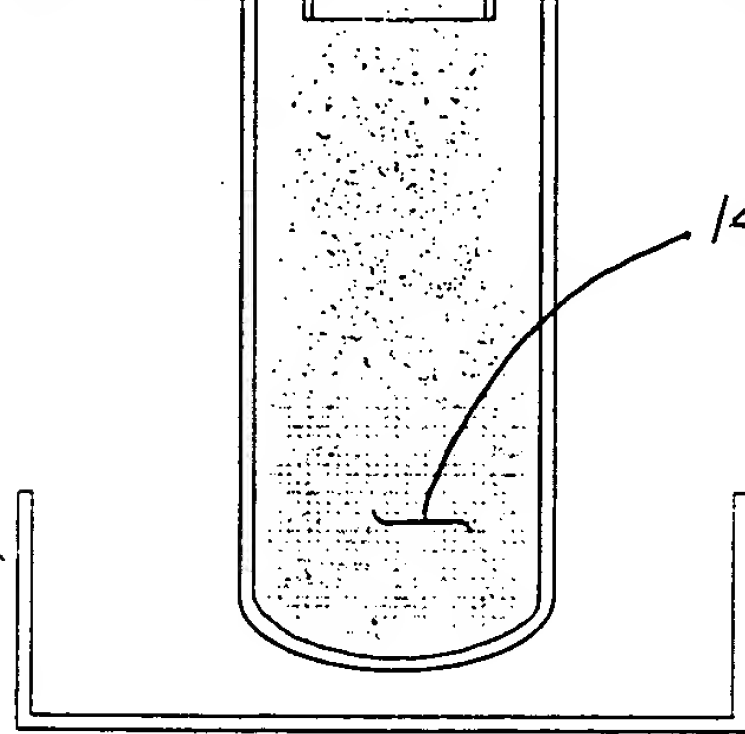
collection tube
1402

tube furnace
1403



1404

coolant bath



1405

FIG. 14

